

time →

Exponential growth (3-6 hrs)      Stationary phase (8hrs-1wk)      Late Stationary (2 wk)

**A**

Cell growth

RNA composition

**C**

Lipid modification

**D**

Distinct transcriptional programs

**E**

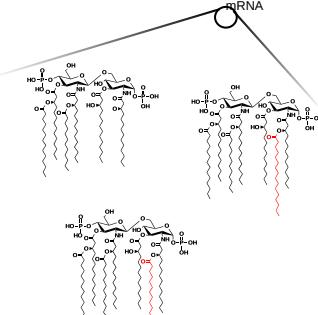
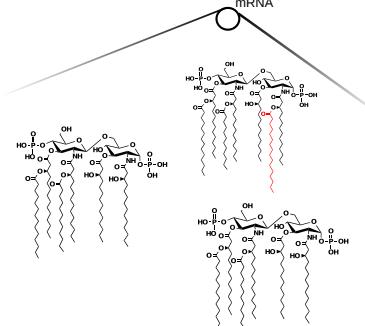
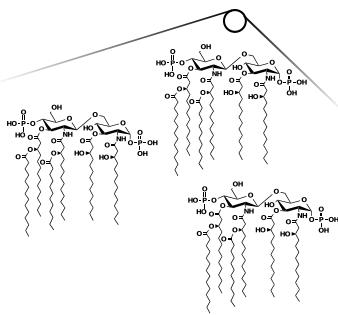
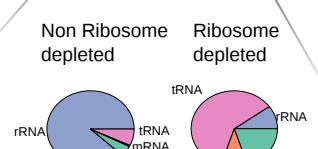
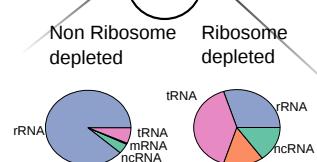
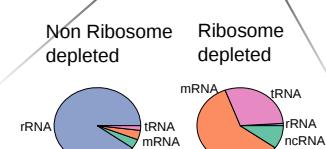
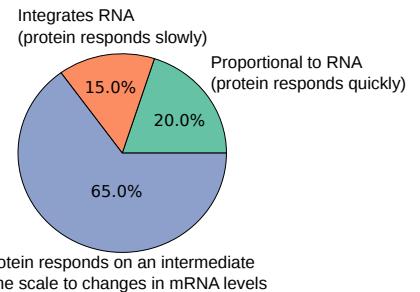
Response to starvation (6-8 hrs)

↑ Lipid modification, iron transport  
response to osmotic stress, catabolism

↓ Flagella proteins, biosynthesis pathways

**F**

Overall protein response



Distinct transcriptional programs

**E**

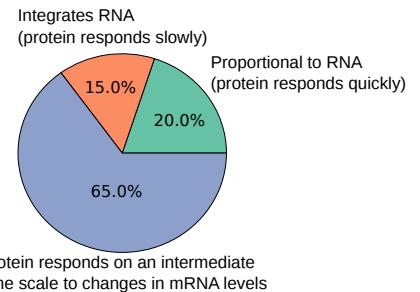
Response to starvation (6-8 hrs)

↑ Lipid modification, iron transport  
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↓ Flagella proteins, biosynthesis pathways

**F**

Overall protein response



<b>Publication</b>	<b>N proteins found</b>	<b>Cutoff</b>	<b>Method</b>	<b>#RNAs</b>	<b>Cutoff</b>	<b>Method</b>
This study	2648 *(at 3hrs)	FDR<1%	Shotgun MS	4116 genes, 89 sRNA, 85 tRNA (at 3hrs)	Alignment quality>10	RNA-seq
Yoon et al. 2012	60	fold change>2	2-D gel	4144 gene probes (REL606 strain)	NA	Microarray
Taniguchi et al.i 2012	1018	NA	YFP fusion	137	95% confidence	FISH
Lewis et al. 2010	~1,000	P-value<0.05	Shotgun MS			
Lewis et al. 2009				4428 gene probes	NA	Microarray
Soares et al. 2013	2053*	FDR<1%	SILAC			
Wisniewski and Rakus, 2014	2200	FDR<1%	FASP			
Raghavan et al. 2011				Genes: 4161, 133 sRNA	%region mapped ≥50%	RNA-seq

\*The criteria that Soares et al. use for a protein being observed is that it appear in at least 1 of 2 biological repeats. We use a criteria that it appear in 1 of 3 biological repeats.

